

HUB AND PROBE SYSTEM AND METHOD

ABSTRACT

5 A method is afforded for utilizing and implementing a hub and probe system in a wireless communication structure. A hub communicates a first signal. The signal is communicated via evanescent waves created by an exciter. A probe receives the signal from the exciter via the evanescent waves. Conductive elements included in walls of the wireless communications structure receive a second signal from the probe. The
10 conductive elements communicate the second signal to the exciter. The exciter passes the second signal back to the exciter.